2020 Structure Summary Report

Overall Unit and Item Ratings

DWR Sacramento Maintenance Yard

Cache Creek Settling Basin Weir And Drainage Structure

Overal

II Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	М
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	Α
	Flap Gates	Α
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

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2020 Structure Summary Report

Overall Unit and Item Ratings

DWR Sacramento Maintenance Yard (cont.)

Fremont Weir

Item Rating	Rated Item	erall Unit Rating
N	Photo Documentation	A
Α	Vegetation & Obstructions	
Α	Shoaling / Sedimentation	
Α	Erosion / Bank Caving	
Α	Revetments	
Α	Encroachments	
N	Culverts: Inlets / Outlets	
N	Culverts: Breaks / Holes / Cracks	
N	Metal Pipes	
N	Trash Racks	
N	Flap Gates	
N	Sluice/Slide Gates	
N	Electric Gate Operators	
N	Manual Gate Operators	
Α	Concrete Surfaces	
М	Concrete Tilting / Settlement	
Α	Concrete Foundations	
Α	Security Fencing	
N	Closure Structures	
N	Trash Rakes	
N	Other Metallic Items	
Α	Monolith Joints	
Α	Safety	
Α	Operation & Maintenance Manual	

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2020 Structure Summary Report

Overall Unit and Item Ratings

DWR Sacramento Maintenance Yard (cont.)

Knights Landing Outfall Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	М
	Revetments	M
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	A
	Concrete Surfaces	А
	Concrete Tilting / Settlement	А
	Concrete Foundations	Α
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	А
	Monolith Joints	А
	Safety	А
	Operation & Maintenance Manual	А

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2020 Structure Summary Report

Overall Unit and Item Ratings

DWR Sacramento Maintenance Yard (cont.)

Paradise Dam

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	U
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	N
	Concrete Tilting / Settlement	N
	Concrete Foundations	N
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Δ

Operation & Maintenance Manual

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2020 Structure Summary Report

Overall Unit and Item Ratings

DWR Sacramento Maintenance Yard (cont.)

Sacramento Weir

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	А
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	М
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

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Unit Cover Sheet

2020 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure
Cache Creek Settling Basin Weir And Drainage Structure

Structure Rating	Α
Date of Inspection	7/22/2020
DWR Inspector	Zach Jojola
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structur Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Dra	nage Structure	07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.	24	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Channels Channels		Start		End	
ltom	Photo Documentation		38.68243	88 °	38.687317 °	
item			-121.67292	24 °	-121.673711 °	
DWR ID	DWR_NA0055_12_t _ 2012_24					
Action/Comments						

Inspector Comments: View of the weir and the drainage structure at the inlet and outlet locations.

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



View of weir from the south abutment. Summer 2020.

Photo 2 of 4: ST_2020_NA0055_12_24_20200814_00022.jpg



View of weir from the north abutment Summer 2020.

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR





View of the inlet structure. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

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Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Photo Do	cumentation		38.6824	38 °	38.687317 °
пеш				-121.67292	24 °	-121.673711 °
DWR ID	DWR_NA0	055_12_t _ 201	2_24			
		Action/	Comme	nts		

Inspector Comments: View of the weir and the drainage structure at the inlet and outlet locations.



View of the outlet structure. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined		GPS Latitude/Longitude					
Calegory	Channels	nels		Start		End	
Item	Vegetatio	n & Obstruction	ons	38.68246	0°	38.687350	0
пеш				-121.67293	0 °	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201	2_2				
		A ation/	Camma	nto			

Action/Comments

Inspector Comments: Scattered vegetation at the top of the weir. The flow is not impededed.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *		CR	
Category	Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Channels	annels		Start		End	
Item	Shoaling /	/ Sedimentation	on	38.68246	0 °	38.687350	0
item				-121.67293	0 °	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201	2_3				

Action/Comments
Inspector Comments: No shoaling or sedimentation present.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	els		Start		End	
Item	Erosion /	Bank Caving		38.68246	0°	38.687350 °	
пеш				-121.67293	0 °	-121.673740 °	
DWR ID	DWR_NA0	0055_12_t _ 2018_4					
	Action/Comments						

Inspector Comments: No active erosion or bank caving observed.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	ssue Type + Ma Loca			CR	
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Revetmer	nts		38.6824	60 °	38.687350	0
iteiii				-121.6729	30 °	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201	2_5				

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained. Riprap is clearly visible and undamaged.



View of the riprap adjacent to the stilling basin. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	nels		Start		End	
Item	Encroach	ments		38.68246	o°	38.687350	0
пеш				-121.67293	o °	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201	2_6				
		A ation/	Camma	nt n			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions are present within the project easement area.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	М	Issue No.		7
LM End	0.00	Issue Type +	Ma	Location *	CR	
Catagory	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start End		End
Item	Culverts:	Inlets / Outlets	5	38.68246	60°	38.687350 °
пеш				-121.67293	30 °	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_7			
		Action/	Comme	nts		

Inspector Comments: Some debris partially blocking drainage inlet within Cache Creek Settling Basin.

Photo 1 of 1 : ST_2020_NA0055_12_7_20200814_00015.jpg

View of debris at the low-flow channel inlet. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *		CR	
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start End		End		
Item		Breaks / Hole	s/	38.6824	60°	38.687350	
пеш	Cracks			-121.6729	30 °	-121.673740	
DWR ID	DWR_NA0	055_12_t _ 201	2_8				

Action/Comments

Inspector Comments: There are no breaks, holes, cracks in the culvert that would result in significant water leakage.

No Photos

LM Start	0.00	Rating **	N	Issue No.		9
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category		Structures & Concrete Lined			titud	le/Longitude
Calegory	Channels			Start		
Item	Metal Pipes		38.68246	0°	38.687350 °	
пеш				-121.67293	80 °	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_9			
		Action/	Comme	nts		

Inspector Comments: This item does not apply to this inspection.

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category		es & Concrete Lined GPS Latitude/Longitude				de/Longitude	
Calegory	Channels			Start	tart End		
Item	Trash Rad	cks		38.68246	° 0	38.687350 °	
пеш				-121.67293	° 0	-121.673740 °	
DWR ID	DWR_NA0	055_12_t _ 201	55_12_t _ 2017_10				
	Action/Comments						

Inspector Comments: Trash racks are fastened in place and properly maintained.

No Photos

Rating ** Issue No. LM Start 0.00 Α 11 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 38.682460° 38.687350° Item -121.672930 ° -121.673740° DWR NA0055 12 t 2012 11 DWR ID

Action/Comments

Inspector Comments: Flap gates open and close easily with minimal leakage.

No Photos

Issue No. Rating ** LM Start 0.00 12 0.00 Issue Type + Ma Location * CR I M End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Sluice/Slide Gates 38.682460° 38.687350 Item -121.672930 ° -121.673740° DWR ID DWR_NA0055_12_t _ 2012_12 Action/Comments

/ Collotty Collimination

Inspector Comments: Gates open and close freely and free of sediment and other obstructions.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Electric G	ate Operators	;	38.68246	° 0	38.687350	٥
пеш				-121.67293	° 0	-121.673740	٥
DWR ID	DWR_NA0055_12_t _ 2012_13						
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	14		
LM End	0.00	Issue Type +	Ма	Location *		CR	
Category	Structures & Concrete Lined		GPS Latitude/Longitude		le/Longitude		
Calegory	Channels		Start		End		
Item	Manual G	ate Operators	i	38.6824	60 °	38.687350	0
iteiii				-121.6729	30 °	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201:	2_14				

Action/Comments

Inspector Comments: The gate operators are in good working condition.



View of the gate operators to the drainage structure. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		CR
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Concrete	ncrete Surfaces		38.6824	60 °	38.687350 °
пеш				-121.6729	30 °	-121.673740 °
DWR ID	DWR ID DWR_NA0055_12_t _ 2012_15					
Action/Comments						
Inchector (Comments	· Negligible e	nalling a	nd cracking		

Inspector Comments: Negligible spalling and cracking.



View of the south abutment. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Category						le/Longitude	
Category	Channels			Start		End	
Item	Concrete	Surfaces		38.6824	60 °	38.687350	٥
пеш				-121.6729	30 °	-121.673740	٥
DWR ID	DWR_NA0	055_12_t _ 201	2_15				
		Action/	Comme	nts			
Inspector (Comments	: Negligible s _l	palling a	nd cracking			

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)
LNAFaal	0.00	Iceua Typa +	Ma	Location *	CP



View of spalling near south abutment. Summer 2020.

Photo 3 of 3: ST_2020_NA0055_12_15_20200814_00020.jpg



View of north abutment. Summer 2020.

							_
LM Start	0.00	Rating **	Α	Issue No.		16	_
LM End	0.00	Issue Type +	Ма	Location *		CR	
Category	Structures & Concrete Lined GPS Latitude/				le/Longitude		
Calegory	Channels			Start		End	
Item	Concrete	Tilting / Settle	ment	38.6824	60 °	38.687350	c
пеш				-121.6729	30 °	-121.673740	(
DWR ID	DWR_NA0	055_12_t _ 201	2_16				
		Action/	Comme	nts			
Inspector (Comments	: No noticeab	le tilting	or settleme	nt o	bserved.	

No Photos

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category		s & Concrete I	ed GPS Latitude/Longitude				
Calegory	Channels		Start End		End		
Item	Concrete	Foundations		38.68246	°	38.687350	0
пеш				-121.67293	°	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 2012_17					
	Action/Comments						

Inspector Comments: No scouring / erosion or undermining near the structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α 18 Issue Type + Ма Location * CR 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Security Fencing 38.682460° 38.687350° Item -121.672930 ° -121.673740° DWR ID DWR_NA0055_12_t _ 2012_18

Action/Comments

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal No Photos

Rating ** Issue No. LM Start 0.00 19 0.00 Issue Type + Location * CR I M End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Closure Structures 38.682460° 38.687350 Item -121.672930 ° -121.673740 ° DWR ID DWR_NA0055_12_t _ 2012_19

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		20		
LM End	0.00	Issue Type +	Ma	Location *	CR			
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	Channels		Start		End		
Item	Trash Rakes			38.68246	o°	38.687350 °		
item				-121.67293	o °	-121.673740 °		
DWR ID	R ID DWR_NA0055_12_t _ 2012_20							
	A stice /Commonsta							

No Photos

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Rating ** Issue No. LM Start 0.00 Ν 21 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Other Metallic Items 38.682460 ° 38.687350° Item -121.672930 ° -121.673740° DWR ID DWR_NA0055_12_t _ 2012_21

No Photos

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	Α	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Catagony	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Monolith Joints		38.6824	60 °	38.687350 °	
item				-121.6729	30 °	-121.673740 °
DWR ID DWR_NA0055_12_t _ 2012_22					·	
Action/Comments						

Inspector Comments: The joints appear to be in good condition.

No Photos

* Location LS : Land Side WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		23	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Catagony	Category Structures & Concrete Lined Channels		GPS Latitude/Longitude				
Calegory			Start		End		
Itom	ltem Safety		38.68246	°	38.687350	0	
пеш			-121.67293	°	-121.673740	0	
DWR ID	DWR_NA0	055_12_t _ 201	2_23				

Action/Comments

Inspector Comments: Safety hardware is installed and an adequate protection for fall hazards exist. No hazardous conditions exist that might affect the operation of the structure.

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Operation & Maintenance 38.682438 ° 38.687317° Item Manual -121.672924 ° -121.673711 ° DWR ID DWR_NA0055_12_t _ 2013_1 Action/Comments

Inspector Comments: LMA has O&M manual for the structure.

No Photos

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Unit Cover Sheet

2020 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure	
Fremont Weir	

Structure Rating	Α
Date of Inspection	7/22/2020
DWR Inspector	Zach Jojola
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Photo Documentation		38.7588	80°	38.764680 °	
пеш				-121.665380 °		-121.635430 °
DWR ID DWR_NA0055_2_t _ 2012_24						
Action/Comments						
Inapagtar	Commonto	. Dioturoo olo	na tha w	oir otruotur	_	

Inspector Comments: Pictures along the weir structure.

noto 1 of 3 : S1_	_. 2020_NA0055_2_24_	_20200814_00027.jp
**		67 22 2020

View of the weir from the south abutment. Summer 2020.

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : ST_2020_NA0055_2_24_20200814_00030.jpg



View of the weir midpoint. Summer 2020.

ı	LM Start	0.00	Rating **	N	Issue No.	24 (cont)
	LM End	0.00	Issue Type +	Ma	Location *	CR



View of the north abutment. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels				Start		End	
Item	Vegetatio	n & Obstruction	ons	38.758880	°	38.764680	0
item			-121.665380	°	-121.635430	0	
DWR ID	DWR_NA0	055_2_t _ 2020	_2				
			_				

Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

LM Start	0.00	Rating **	Α	Issue No.		3		
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start End				
Item	Shoaling /	Sedimentation	on	38.7588	80 °	38.764680	0	
iteiii				-121.6653	80 °	-121.635430	0	
DWR ID	DWR_NA0	055_2_t _ 2012	_3					
			_					

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

No Photos

LM Start	0.00	Rating **	Α	Issue No.	4			
LM End	0.00	Issue Type +	Ма	Location *	CR			
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start	art End			
Item	Erosion /	Bank Caving		38.75888	30°	38.764680	0	
пеш				-121.66538	30°	-121.635430	0	
DWR ID	ID DWR_NA0055_2_t _ 2012_4							
	Action/Comments							

Inspector Comments: No erosion present.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Revetmer	nts		38.7588	80 °	38.764680	0
пеш	item			-121.6653	80 °	-121.635430	0
DWR ID	DWR_NA0055_2_t _ 2012_5						
		Action/	Comme	nts			

Inspector Comments: Riprap is in good condition.





View of revetment at fish passage structure. Summer 2020.

Photo 2 of 2: ST_2020_NA0055_2_5_20200814_00020.jpg



View of revetment adjacent to stilling basin. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels		Start		End		
Item	Encroach	ments		38.75888	0 °	38.764680	0
пеш				-121.66538	0 °	-121.635430	0
DWR ID	DWR_NA0	055_2_t _ 2012	_6				
			_				

Action/Comments

Inspector Comments: Some wood piles along the weir. They will not impede the flow, but should be removed.

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

nitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Category				Start		End	
Item	Culverts: Inlets / Outlets			38.75888	30 °	38.764680 °	
пеш				-121.66538	30 °	-121.635430 °	
DWR ID DWR_NA0055_2_t _ 2017_7							
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

Rating ** Issue No. LM Start 0.00 Ν 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Breaks / Holes / 38.758880° 38.764680 ° Item Cracks -121.665380 ° -121.635430 ° DWR_NA0055_2_t _ 2012_8 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

LM Start	0.00	Rating **	N	Issue No.	9		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined				GPS Latitude/Longitude			
Category Channels			Start		End		
Item	Metal Pipes			38.7588	80 °	38.764680 °	
item			-121.6653	80 °	-121.635430 °		
DWR ID	ID DWR_NA0055_2_t _ 2012_9						
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels					End	
Item	Trash Racks			38.75888	0°	38.764680 °	
пеш				-121.66538	° 0	-121.635430 °	
DWR ID DWR_NA0055_2_t _ 2012_10							
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

Rating ** Issue No. LM Start 0.00 Ν 11 Issue Type + 0.00 Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 38.758880° 38.764680 ° Item -121.665380 ° -121.635430 ° DWR ID DWR NA0055 2 t 2012 11

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	12		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category Structures & Concrete Lined Channels				GPS Latitude/Longitude			
				Start		End	
Item	Sluice/Slic	de Gates		38.7588	30°	38.764680 °	
item			-121.6653	30 °	-121.635430 °		
DWR ID	DWR_NA0055_2_t _ 2012_12						
		Action/	Comme	nts			

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	3	38.75888	0 °	38.764680 °	
пеш				-121.66538	0 °	-121.635430 °	
DWR ID	DWR ID DWR_NA0055_2_t _ 2012_13						
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 14 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Manual Gate Operators 38.758880° 38.764680 ° Item -121.665380 ° -121.635430 ° DWR ID DWR_NA0055_2_t _ 2012_14

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Catagony	Structures & Concrete Lined			GPS La	titud	e/Longitude
Calegory	Category		Start		End	
Item	Concrete	Surfaces		38.75888	30°	38.764680 °
пеш			-121.66538	30 °	-121.635430 °	
DWR ID	DWR_NA0	055_2_t _ 2012	_15			

Action/Comments

Inspector Comments: Large crack on the west weir abutment. A fish passageway within the weir was finalized in 2019.

Photo 1 of 4: ST_2020_NA0055_2_15_20200814_00022.jpg

View of crack on the west abutment. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected 4/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		15 (cont)	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined				GPS La	atitud	le/Longitude	
Category Channels			Start		End		
Item	Concrete	Surfaces		38.7588	80 °	38.764680	0
пеш				-121.6653	80 °	-121.635430	0
DWR ID DWR_NA0055_2_t _ 2012_15							
Action/Comments							

Inspector Comments: Large crack on the west weir abutment. A fish passageway within the weir was finalized in 2019.

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



View of the fish passage control structure. Summer 2020.

Photo 3 of 4: ST_2020_NA0055_2_15_20200814_00024.jpg



View of the fish barrier inlet. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



View of the fish barrier outlet. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	М	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *		CR	
Structures & Concrete Lined				GPS La	atitud	le/Longitude	
Channels			Start		End		
Itom	Concrete	Tilting / Settle	ment	38.7588	80 °	38.764680 °	
ltem				-121.6653	80 °	-121.635430 °	
DWR ID DWR_NA0055_2_t _ 2012_16							
Action/Comments							

Inspector Comments: There are some low spots at the stilling basin of the weir that do not threaten the integrity of the structure.



Minor settlement on the stilling basin of the weir. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		17
LM End	0.00	Issue Type +	Ma	Location *		CR
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Concrete	Foundations		38.7588	80 °	38.764680 °
пеш				-121.6653	80 °	-121.635430 °
DWR ID	DWR_NA0	055_2_t _ 2012	_17			
			_			

Action/Comments

Inspector Comments: No scouring / erosion or undermining near the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		18		
LM End	0.00	Issue Type +	Ma	Location *	CR			
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Item	Security F	Security Fencing		38.75888	0 °	38.764680	0	
пеш			-121.66538	0 °	-121.635430	0		
DWR ID	DWR_NA0	055_2_t _ 2012	_18					

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.

Action/Comments

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		19		
LM End	0.00	Issue Type +	Ma	Location *	CR			
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Closure S	tructures		38.75888	°	38.764680	0	
пеш				-121.66538	°	-121.635430	0	
DWR ID	R ID DWR_NA0055_2_t _ 2012_19							
		Action/	Comme	nts				

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 20 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 38.758880° 38.764680 ° Item -121.665380° -121.635430 ° DWR ID DWR NA0055 2 t 2012 20

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating ** LM Start 0.00 21 0.00 Issue Type + Ma Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 38.758880° 38.764680° Item -121.665380 ° -121.635430 ° DWR ID DWR_NA0055_2_t _ 2012_21 Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	22		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Catagory	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Monolith Joints		38.75888	o°	38.764680	0	
пеш				-121.66538	o°	-121.635430	0
DWR ID	DWR_NA0	055_2_t _ 2012	_22				
		A .: /	_				

Action/Comments

Inspector Comments: The monolith joint material is in good condition.

Rating ** Issue No. LM Start 0.00 Α 23 0.00 Issue Type + Ма Location * CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Safety 38.758880° 38.764680 ° Item -121.665380 ° -121.635430 ° DWR ID DWR_NA0055_2_t _ 2012_23

Action/Comments

Inspector Comments: No hazardous conditions that might affect the operation of the structure.

LM Start	0.00	Rating **	Α	Issue No.		1			
LM End	0.00	Issue Type +	Ma	Location *		CR			
Category		s & Concrete I	Lined	GPS La	atitud	le/Longitude			
Calegory	Channels			Start		End			
Item		& Maintenan	се	38.7589	09 °	38.764638	0		
пеш	Manual			-121.6655	48 °	-121.635434	0		
DWR ID DWR_NA0055_2_t _ 2013_1									
	Action/Comments								

Inspector Comments: LMA has O&M manual for the weir.

No Photos

No Photos

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Unit Cover Sheet

2020 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure	
Knights Landing Outfall Structure	

Structure Rating	Α
Date of Inspection	7/22/2020
DWR Inspector	Zach Jojola
Accompanied By	

NA0055

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Stru	cture	Structure Length	Inspection Start/End	Inspector
Knights Landing	Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		1		
LM End	0.00	Issue Type +	Ma	Location *				
Catagory	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Photo Do	cumentation		38.799560 °		38.799320 °		
пеш				-121.72553	o°	-121.724850 °		
DWR ID	VR ID DWR_NA0055_41_t _ 2012_1							
	Action/Comments							

Inspector Comments: Photos of the weir inlets and outlets.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View of the inlet side of the structure. Summer 2020.

Photo 2 of 2: ST_2020_NA0055_41_1_20200727_00013.jpg



View of the outlet side of the structure. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	n & Obstruction	ons	38.79956	0°	38.799320°
пеш			-121.72553	0 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201:	2_2			·

Action/Comments

Inspector Comments: There is some accumulated vegetation on the log boom upstream of the structure. It does not appear to impede the flow.



View of the channel looking downstream from the structure. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

: Acceptable but Monitor & Maintain En : Enforcement

NA0055

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		2 (cont)		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined			GPS Latitude/Longitude					
Category	Channels			Start		End		
Item	Vegetation & Obstructions			38.7995	60 °	38.799320		
пеш				-121.7255	30 °	-121.724850		
DWR ID DWR_NA0055_41_t _ 2012_2								
	Action/Comments							

Inspector Comments: There is some accumulated vegetation on the log boom upstream of the structure. It does not appear to impede the flow.

Photo 2 of 2 : ST_2020_NA0055_41_2_20200727_00015.jpg
07 22 2020

View of the log boom upstream of the inlet. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.		3
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
				Start		End
ltom	Shoaling / Sedimentation			38.799560 °		38.799320 °
item				-121.7255	30 °	-121.724850 °
DWR ID DWR_NA0055_41_t _ 2012_3						
		Action/	Comme	nts		

Inspector Comments: No shoaling or sedimentation present.

No Photos

LM Start	0.00	Rating **	М	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels			Start		End	
Item	Erosion / Bank Caving			38.799560) °	38.799320 °	
Item			-121.725530	°	-121.724850 °		
DWR ID DWR_NA0055_41_t _ 2017_4							
Action/Comments							

Inspector Comments: There is minor erosion on the left bank adjacent to the structure where there is no riprap. Possible eddy location.



View of erosion downstream from the structure outlet. Summer 2020.

* Location LS: Land Side WS: Water Side CR: Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Stru	cture	Structure Length	Inspection Start/End	Inspector
Knights Landing	Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	М	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	tituc	de/Longitude		
Category	Channels			Start		End	
Item	Revetments			38.79956	0°	38.799320 °	
пеш				-121.72553	0°	-121.724850 °	
DWR ID DWR_NA0055_41_t _ 2012_5							
Action/Comments							

Inspector Comments: Riprap is missing on the left bank adjacent to the structure.



View of the missing riprap. Summer 2020.

-121.725530 ° -121.724850 °	LM Start	0.00	Rating **	Α	Issue No.		6	
Category Channels Start End Item Encroachments 38.799560 ° 38.799320 ° -121.724850 °	LM End	0.00	Issue Type +	Ma	Location *			
Start End	Structures & Concrete Lined			Lined	GPS Latitude/Longitude			
-121.725530 ° -121.724850 °	Calegory	Channels			Start		End	
-121.725530 ° -121.724850 °	ltom	Encroachments			38.7995	60°	38.799320°	
	item		-121.725530 °		-121.724850 °			
DWR ID DWR_NA0055_41_t _ 2012_6	DWR ID	DWR_NA0	055_41_t _ 201	2_6				

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No F	Photos	

LM Start	0.00	Rating **	N	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels	Channels			Start		
Item	Culverts: Inlets / Outlets			38.7995	60°	38.799320	0
пеш				-121.7255	30 °	-121.724850	0
DWR ID	DWR_NA0	055_41_t _ 201	2_7				
		Action	Camma	n+n			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ма	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels			Start		End	
Item		Breaks / Hole	s /	38.799560	°	38.799320	0
Cracks			-121.725530	°	-121.724850	0	
DWR ID DWR_NA0055_41_t _ 2012_8							
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 38.799560° 38.799320° Item -121.725530° -121.724850 ° DWR ID DWR NA0055 41 t 2012 9

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating ** LM Start 0.00 10 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 38.799560° 38.799320° Item -121.725530° -121.724850 ° DWR_NA0055_41_t _ 2012_10 DWR ID Action/Comments

Inspector Comments: This item does not apply to the inspection.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

* Rating
A: Acceptable

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	11			
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End		
Item	Flap Gate	S		38.799560	°	38.799320 °		
пеш				-121.725530	°	-121.724850 °		
DWR ID	DWR_NA0	055_41_t _ 201	2_11					
	A stitute (O a second sector							

Action/Comments

Inspector Comments: Flap gates open and close easily with minimal leakage. Gates show no corrosion damage and have been maintained. No Photos

LM Start	0.00	Rating **	Α	Issue No.		12
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Sluice/Sli	de Gates		38.7995	60°	38.799320 °
пеш			-121.7255	30 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_12			

Action/Comments

Inspector Comments: Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.



View of the open slide gate at the inlet. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End		
Item	Electric G	ate Operators	3	38.7995	60 °	38.799320	0
пеш				-121.7255	30 °	-121.724850	0
DWR ID	DWR_NA0	055_41_t _ 201	2_13				
	Action/Comments						

Inspector Comments: The gates are in good working condition..

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Monday, August 17, 2020 12:02

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		14	7
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Manual Gate Operators			38.7995	60 °	38.799320 °	2
пеш				-121.7255	30 °	-121.724850 °	2
DWR ID	DWR_NA0055_41_t _ 2012_14						
Action/Comments							

Inspector Comments: The manual gates are in good working condition.



Photo 1 of 2: ST_2020_NA0055_41_14_20200814_00020.jpg

View of the flap gate wheel. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.	14 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST_2020_NA0055_41_14_20200603_00009.jpg



View of the control structure to manually close the flap gates. Summer 2019.

LM Start	0.00	Rating **	Α	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category Channels			GPS La	titud	e/Longitude	
Calegory	Channels			Start		End
Item	Concrete	Surfaces		38.79956	60°	38.799320 °
item				-121.72553	30 °	-121.724850 °
DWR ID	DWR_NA0	055_41_t _ 202	0_15			
Action/Comments						
Inspector (Comments	: Nealiaible si	oalling, s	caling or cra	acki	na.



View of cracking on the north abutment. Summer 2020.

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Photo 1 of 1: ST_2020_NA0055_41

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels			Start		End	
Item	Concrete	Tilting / Settle	ment	38.79956	0 °	38.799320 °	
пеш				-121.72553	0 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t _ 2012_16						
Action/Comments							

Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.

No Photos

Rating ** Issue No. LM Start 0.00 Α 17 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 38.799560° 38.799320° Item -121.725530° -121.724850 ° DWR NA0055 41 t 2012 17 DWR ID

Action/Comments

Inspector Comments: No scouring / erosion or undermining near the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		18
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Security F	encing		38.79956	° 0	38.799320 °
пеш				-121.72553	° 0	-121.724850 °
DWR ID	DWR_NA0	055_41_t _ 201	2_18			

Action/Comments

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.



View of the security fencing around the structure. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.	19			
LM End	0.00	Issue Type +	Ma	Location *				
Category Changels				GPS Latitude/Longitude				
Calegory	Channels	Start		End				
Item	Closure S	tructures		38.79956	60°	38.799320	0	
пеш				-121.72553	30 °	-121.724850	0	
DWR ID	DWR_NA0055_41_t _ 2012_19							
Action/Comments								

Inspector Comments: This structure does not have a closure structure.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 Ν 20 Issue Type + 0.00 Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 38.799560 ° 38.799320° Item -121.725530 ° -121.724850 ° DWR NA0055 41 t 2012 20 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	Α	Issue No.	21		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Other Met	allic Items		38.7995	60°	38.799320°	
пеш				-121.7255	30°	-121.724850 °	
DWR ID	DWR_NA0055_41_t _ 2013_21						
	Action/Comments						

Inspector Comments: Metallic items are in good condition.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	22		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Monolith Joints		38.79956	0°	38.799320 °		
item				-121.72553	80 °	-121.724850 °	
DWR ID DWR_NA0055_41_t _ 2012_22							
Action/Comments							

Inspector Comments: The monolith joint material is in good condition.

Issue No. LM Start 0.00 Rating ** Α 23 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels

Safety 38.799560° 38.799320° Item -121.725530° -121.724850 °

DWR ID DWR NA0055 41 t 2012 23

Action/Comments

Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure exist.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 24 0.00 Issue Type + Ma Location * I M End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Operation & Maintenance 38.799560° 38.799320 Item Manual -121.725530° -121.724850 ° DWR ID DWR_NA0055_41_t _ 2013_24

Action/Comments

Inspector Comments: The yard has the manuals for this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure	
Paradise Dam	

Structure Rating	M
Date of Inspection	7/14/2020
DWR Inspector	Alberto De Leon
Accompanied By	Mike Salvador DWR-Sacramento Maintenance Yard

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.	24		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category	Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Channels		Start		End		
Item	Photo Documentation		37.760713 °		37.760713 °		
item				-121.3095	50 °	-121.309550 °	
DWR ID DWR_NA0055_52_t _ 2012_24							
Action/Comments							

Inspector Comments: Paradise Dam is located at the head of Paradise Cut adjoining the San Joaquin River. It is a weir type structure composed of heavy quarry stone and a concrete cap at the crest of the weir that is about 8 feet wide. The dam spans between RD 2107 Mossdale Island, Unit 2 and RD 2095 Paradise Cut, Unit 1.



View of Paradise Dam from the right bank of Paradise Cut. Summer 2020

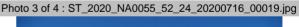
LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR

Photo 2 of 4: ST_2020_NA0055_52_24_20200716_00020.jpg



View of Paradise Dam from left bank of Paradise Cut. Summer 2020

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR





View lookng downstream at Paradise Cut. Summer 2020

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.	24 (cont)		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Photo Documentation		37.760713 °		37.760713	0	
item				-121.3095	50 °	-121.309550	0
DWR ID DWR_NA0055_52_t _ 2012_24							
Action/Comments							

Inspector Comments: Paradise Dam is located at the head of Paradise Cut adjoining the San Joaquin River. It is a weir type structure composed of heavy quarry stone and a concrete cap at the crest of the weir that is about 8 feet wide. The dam spans between RD 2107 Mossdale Island, Unit 2 and RD 2095 Paradise Cut, Unit 1.

Photo 4 of 4: ST_2020_NA0055_52_24_20200716_00021.jpg



View looking upstream of the San Joaquin river side of Paradise Dam. Summer 2020

LM Start	0.00	Rating **	U	Issue No.		J Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *	WS				
Category	Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory	Channels		Start		End				
Item	Vegetatio	Vegetation & Obstructions		37.7605	84 °	37.760584	٥		
nem				-121.3094	50 °	-121.309450	0		
DWR ID	DWR_NA0	055_52_t _ 201	2_2						

Action/Comments

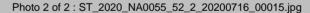
Inspector Comments: There is dense vegetation on the river side of the dam which may impede flows from the San Joaquin River.

Photo 1 of 2: ST_2020_NA0055_52_2_20200716_00011.jpg



View of vegetation on the riverside side of structure, looking westward. Summer 2020

0.00 Rating ** Issue No. LM Start 2 (cont) Location ' WS Issue Type + Ма 0.00 LM End





Typical view of dense willow vegetation on the riverside side of structure, looking eastward. Summer 2020

Location LS : Land Side WS : Water Side CR : Crown

Rating

: Acceptable : Minimally Acceptable N: Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	Α	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *	WS	
Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels			Start		End	
Itom	Shoaling /	Sedimentation	on	37.76058	34 °	37.760584 °
ltem 5			-121.3094	50 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t _ 2012_3					
		Action/	Commo	nte		

Inspector Comments: Channel flows and capacity are not impeded by sedimentation.

LM Start	0.00	Rating **	Α	Issue No.	3 (cont)
LM End	0.00	Issue Type +	Ма	Location *	WS



View of the channel side of dam. Summer 2020

Photo 2 of 2: ST_2020_NA0055_52_3_20200617_00004.jpg



View of sedimentation on channel side of dam. Summer 2019

LM Start	0.00	Rating **	Α	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Itom	Erosion /	Bank Caving		37.7605	84 °	37.760584	0
пеш	Item			-121.3094	50 °	-121.309450	0
DWR ID	DWR_NA0055_52_t _ 2012_4						
Action/Comments							

Inspector Comments: No active erosion or bank caving observed.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels		Start		End			
Revetments			37.7605	84 °	37.760584	0	
Item				-121.309450 °		-121.309450	0
DWR ID	DWR_NA0055_52_t _ 2017_5						
		Action/	Comme	nts			

Inspector Comments: Existing riprap is visible and well placed.





View of riprap protection on channel side of dam. Summer 2020

Photo 2 of 2: ST_2020_NA0055_52_5_20200617_00005.jpg



View of riprap protection on channel side of dam. Summer 2019

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Encroach	Encroachments		37.76058	1°	37.760584	0
пеш				-121.30945	°	-121.309450	0
DWR ID	DWR_NA0	055_52_t _ 201	2_6				
			_				

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Culverts:	Inlets / Outlets	3	37.76058	4 °	37.760584	0
item			-121.30945	o°	-121.309450	0	
DWR ID	DWR_NA0	R_NA0055_52_t _ 2012_7					
	A = 1' = = 1 (O = = = = = = 1 =						

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item		Breaks / Hole	s/	37.760584	ı°	37.760584	0
пеш	Cracks			-121.309450	°	-121.309450	0
DWR ID	DWR_NA0	055_52_t _ 201	2_8				
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating ** Issue No. LM Start 0.00 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Metal Pipes 37.760584° 37.760584° Item -121.309450 -121.309450 ° DWR_NA0055_52_t _ 2012_9 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined				GPS Latitude/Longitude			
Channels			Start		End		
Item	Trash Racks			37.76058	34 °	37.760584 °	
пеш				-121.3094	50 °	-121.309450 °	
DWR ID	DWR ID DWR_NA0055_52_t _ 2012_10						
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

Rating ** Issue No. LM Start 0.00 Ν 11 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 37.760584 ° 37.760584° Item -121.309450 ° -121.309450 ° DWR ID DWR NA0055 52 t 2012 11

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	12		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Structures & Concrete Lined				GPS Latitude/Longitude			
Channels			Start		End		
Item	Sluice/Slic	de Gates		37.7605	84 °	37.760584 °	
пеш				-121.3094	50 °	-121.309450 °	
DWR ID	DWR_NA0	NA0055_52_t _ 2012_12					
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.		13	
LM End	0.00	Issue Type +	Ma	Location *		WS	
Category Channels			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	3	37.7605	84 °	37.760584	0
пеш				-121.3094	50 °	-121.309450	0
DWR ID DWR_NA0055_52_t _ 2012_13							
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Issue No. LM Start 0.00 Rating ** Ν 14 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Manual Gate Operators 37.760584° 37.760584° Item -121.309450 ° -121.309450 ° DWR NA0055 52 t 2012 14 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

Issue No. Rating ** LM Start 0.00 15 0.00 Issue Type + Ma Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Surfaces 37.760584° 37.760584° Item -121.309450 ° -121.309450 ° DWR_NA0055_52_t _ 2012_15 DWR ID Action/Comments

Inspector Comments: This item does not apply to the inspection.

No Photos

No Photos

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.		16		
LM End	0.00	Issue Type +	Ma	Location *		WS		
Category Changels GPS Latitude/I						le/Longitude		
Channels Start End					End			
Item	Concrete	Tilting / Settle	ment	37.76058	4 °	37.760584	٥	
пеш				-121.30945	0 °	-121.309450	٥	
DWR ID DWR_NA0055_52_t _ 2012_16								
	Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 Ν 17 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 37.760584 ° 37.760584° Item -121.309450 ° -121.309450 ° DWR NA0055 52 t 2012 17 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		18			
LM End	0.00	Issue Type +	Ma	Location *	WS				
Structures & Concrete Lined GPS Latitude/Longitude									
Calegory	Channels Start End								
Item	Security F	encing		37.7605	84 °	37.760584	D		
item	-121.309450 ° -121.309450 °								
DWR ID DWR_NA0055_52_t _ 2012_18									
Action/Comments									

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.		19
LM End	0.00	Issue Type +	Ma	Location *		WS
Structures & Concrete Lined GPS Latitude/Longitude						
Calegory	Channels		Start		End	
ltom	Closure S	tructures		37.76058	4 °	37.760584 °
-121.309450 ° -121.309450 °						
DWR ID DWR_NA0055_52_t _ 2012_19						
		A ation/	Camma	nto		

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Rating ** Issue No. LM Start 0.00 Ν 20 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 37.760584° 37.760584° Item -121.309450 ° -121.309450 ° DWR NA0055 52 t 2012 20 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		21		
LM End	0.00	Issue Type +	Ma	Location *		WS		
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Other Metallic Items			37.7605	84 °	37.760584°		
ILCIII				-121.3094	50 °	-121.309450 °		

DWR ID DWR_NA0055_52_t _ 2012_21

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/14/2020 07/14/2020	Alberto De Leon

LM Start	0.00	Rating **	N	Issue No.		22	
LM End	0.00	Issue Type +	Ма	Location *	WS		
Structures & Concrete Lined GPS Latitude/Longitude							
Channels Start End					End		
Item	Monolith .	Joints		37.76058	4 °	37.760584	0
пеш				-121.30945	0 °	-121.309450	0
DWR ID DWR_NA0055_52_t _ 2012_22							
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 Α 23 0.00 Issue Type + Ма Location * WS LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Safety 37.760584° 37.760584° Item -121.309450 ° -121.309450° DWR ID DWR NA0055 52 t 2012 23

Action/Comments

Inspector Comments: There are no issues at this time.

LM Start	0.00	Rating **	Α	Issue No.		1		
LM End	0.00	Issue Type +	Ma	Location *	WS			
Structures & Concrete Lined GPS Latitude/Longitude								
Channels Start End						End		
ltom		& Maintenan	се	37.7605	84 °	37.760584	0	
item	Manual -121.309450 ° -121.309450 °							
DWR ID DWR_NA0055_52_t _ 2013_1								
Action/Comments								

Inspector Comments: The Operations and Maintenance manual has been sent to the Sacramento Maintenance Yard in an electronic file. There is no place to store it onsite.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

DWR Sacramento Maintenance Yard

Str	ucture
Sacran	nento Weir

Structure Rating	Α
Date of Inspection	7/22/2020
DWR Inspector	Zach Jojola
Accompanied By	James Kortuem DWR

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
				Start		End
Photo Documentation				38.6071	20 °	38.607120 °
item			-121.5601	00 °	-121.560100 °	
DWR ID	DWR_NA0	055_1_t _ 2012	_24			
Action/Comments						
l	^ t -	. Cauth and N	مصمالت ما		:	

Inspector Comments: South and North ends of the weir.



View of the weir outlet from the north end. Summer 2020.

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2020_NA0055_1_24_20200814_00019.jpg



View of the weir inlet from the north end. Summer 2020.

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the weir outlet from the south end. Summer 2020.

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			te Lined GPS Latitude/Longitude			e/Longitude	
Calegory	Channels			Start		End	
Item	Vegetatio	n & Obstruction	ons	38.60712	o °	38.607120	0
пеш				-121.56010	o°	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012	_2				
			_				

Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Category				Start		End	
Item	Shoaling /	Sedimentation		38.60712	0°	38.607120	0
item				-121.56010	0 °	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012	_3				
			<u></u>				

Action/Comments

Inspector Comments: No sedimentation present.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR_NA0055_1_t _ 2012_4 Action/Comments

Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the structure.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		5
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End
Item	Revetmer	nts		38.60712	0 °	38.607120 °
пеш				-121.56010	0 °	-121.560100 °
DWR ID	DWR_NA0055_1_t _ 2012_5					
		A ation/	Camma	n+n		

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	Α	Issue No.		6		
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroachments			38.6071	20 °	38.607120	0	
item				-121.5601	00 °	-121.560100	0	
DWR ID	DWR_NA0	055_1_t _ 2012	_6					
Action/Comments								

Inspector Comments: No debris present.

LM Start	0.00	Rating **	N	Issue No.		7		
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures	GPS Latitude/Longitude						
Channels			Start		End			
ltom	Culverts: Inlets / Outlets			38.60712	20 °	38.607120	٥	
Item		-121.56010	00°	-121.560100	0			
DWR ID	DWR_NA0055_1_t _ 2012_7							
Action/Comments								

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

Location LS : Land Side WS: Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ма	Location *			
Category		Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	Start		End			
Item		Breaks / Hole	s /	38.60712	o°	38.607120	0
пеш	Cracks	Cracks		-121.56010	o°	-121.560100	0
DWR ID	DWR_NA0055_1_t _ 2012_8						
		Action/	Commo	nte			

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		9			
LM End	0.00	Issue Type +	Ma	Location *					
Structures & Concrete Lined				GPS Latitude/Longitude					
Calegory	Channels			Start		End			
Item	Metal Pipes				o °	38.607120	0		
пеш				-121.56010	o°	-121.560100	0		
DWR ID	DWR_NA0	055_1_t _ 2012	_9						
	1 11 10								

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Category	& Concrete I	GPS Latitude/Longitude					
Calegory	Channels		Start		End		
Item	Trash Racks			38.6071	20°	38.607120 °	
пеш				-121.5601	° 00	-121.560100 °	
DWR ID DWR_NA0055_1_t _ 2012_10							
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	N	Issue No.		11	
LM End	0.00	Issue Type +	Ма	Location *			
Category		s & Concrete I	Lined	GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Flap Gates			38.60712	0 °	38.607120 °	
пеш					0 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t _ 2012_11						
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined				GPS Latitude/Longitude		
Channels				Start		End	
Item	Sluice/Slide Gates		38.6071	20 °	38.607120	0	
пеш				-121.5601	° 00	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012 _:	_12				

Action/Comments

Inspector Comments: All needles have been replaced.

No Photos

LM Start	0.00	Rating **	N	Issue No.		13	
LM End	0.00	Issue Type +	Ма	Location *			
Category Structures & Concrete Lined Channels				GPS Latitude/Longitude			
				Start		End	
Item	Electric G	lectric Gate Operators			20 °	38.607120 °	
пеш				-121.5601	00°	-121.560100 °	
DWR ID DWR_NA0055_1_t _ 2012_13							
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.		14	
LM End	0.00	Issue Type +	Ма	Location *			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Manual G	Manual Gate Operators		38.60712	20°	38.607120	0
nem			-121.56010	00°	-121.560100	0	
DWR ID	DWR_NA0	055_1_t _ 2012	_14				
		A - 1' 1	O	- 1 -			

Action/Comments

Inspector Comments: The manual gate operators appear to be in good condition.

No Photos

LM Start	0.00	Rating **	М	Issue No.		15	
LM End	0.00 Issue Type + Ma		Location *				
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Concrete	Concrete Surfaces			0°	38.607120 °	
пеш	item		-121.56010	0 °	-121.560100 °		
DWR ID	DWR_NA0	055_1_t _ 2016	_15				

Action/Comments

Inspector Comments: Spalling and cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel is exposed. Sacramento Maintenance has done a great job in repairing the concrete surfaces. Some minor repairs are left to be done.

LM Start	0.00	Rating **	М	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 3: ST_2020_NA0055_1_15_20200814_00015.jpg



View of spalling at the north end of the structure. Summer 2020.

Photo 2 of 3: ST_2020_NA0055_1_15_20200814_00016.jpg



View of spalling within gate. Summer 2020.

Location LS : Land Side WS: Water Side CR : Crown

Rating

: Acceptable : Minimally Acceptable

N: Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	М	Issue No.	15 (cont)		
LM End	0.00	Issue Type +	Ма	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Concrete Surfaces			38.6071	20 °	38.607120 °	
item			-121.5601	00 °	-121.560100 °		
DWR ID DWR_NA0055_1_t _ 2016_15							
Action/Comments							

Inspector Comments: Spalling and cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel is exposed. Sacramento Maintenance has done a great job in repairing the concrete surfaces. Some minor repairs are left to be done.



View of cracking at the south end of the structure. Summer 2020.

LM Start	0.00	Rating **	Α	Issue No.	16	
LM End	0.00	Issue Type +	Ма	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Concrete Tilting / Settlement			38.6071	20 °	38.607120 °
пеш			-121.5601	00 °	-121.560100 °	
DWR ID DWR_NA0055_1_t _ 2012_16						
		A ation/	Camma	nto.		

Action/Comments

Inspector Comments: No concrete tilting or differential settlement was noted.

N	J٨	ы	hΛ	tos

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Concrete Foundations			38.6071	20 °	38.607120	0
item			-121.5601	00 °	-121.560100	0	
DWR ID DWR_NA0055_1_t _ 2012_17							
Action/Comments							

Inspector Comments: The foundation appears to be in good shape.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

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Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Itom	Item Security Fencing			38.60712	20 °	38.607120	0
пеш				-121.56010	00°	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012	_18				

Action/Comments

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 19 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° DWR_NA0055_1_t _ 2012_19 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating ** Issue No. LM Start 0.00 20 0.00 Issue Type + Location * I M End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR_NA0055_1_t _ 2012_20 Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	21		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels		Start		End			
Item	Other Metallic Items			38.60712	o°	38.607120	0
nem			-121.56010	o°	-121.560100	0	
DWR ID	DWR_NA0	055_1_t _ 2012	_21				
			_				

Action/Comments

Inspector Comments: All metal parts are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.

No Photos

Issue No. LM Start 0.00 Rating ** Α 22 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR NA0055 1 t 2012 22

Action/Comments

Inspector Comments: All joints appear to be in good condition.

No Photos

Issue No. Rating ** LM Start 0.00 23 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR_NA0055_1_t _ 2012_23 Action/Comments

Inspector Comments: There are no identified safety issues at this time.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

DWR Sacramento Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/22/2020 07/22/2020	Zach Jojola

LM Start	0.00	Rating **	Α	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End	
ltom	Item Operation & Maintenance Manual			38.60712	20 °	38.607120 °
пеш				-121.56010	00°	-121.560100 °
DWR ID DWR_NA0055_1_t _ 2013_1						
Action/Comments						
Inspector Comments: The LMA has the O&M manual for this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement